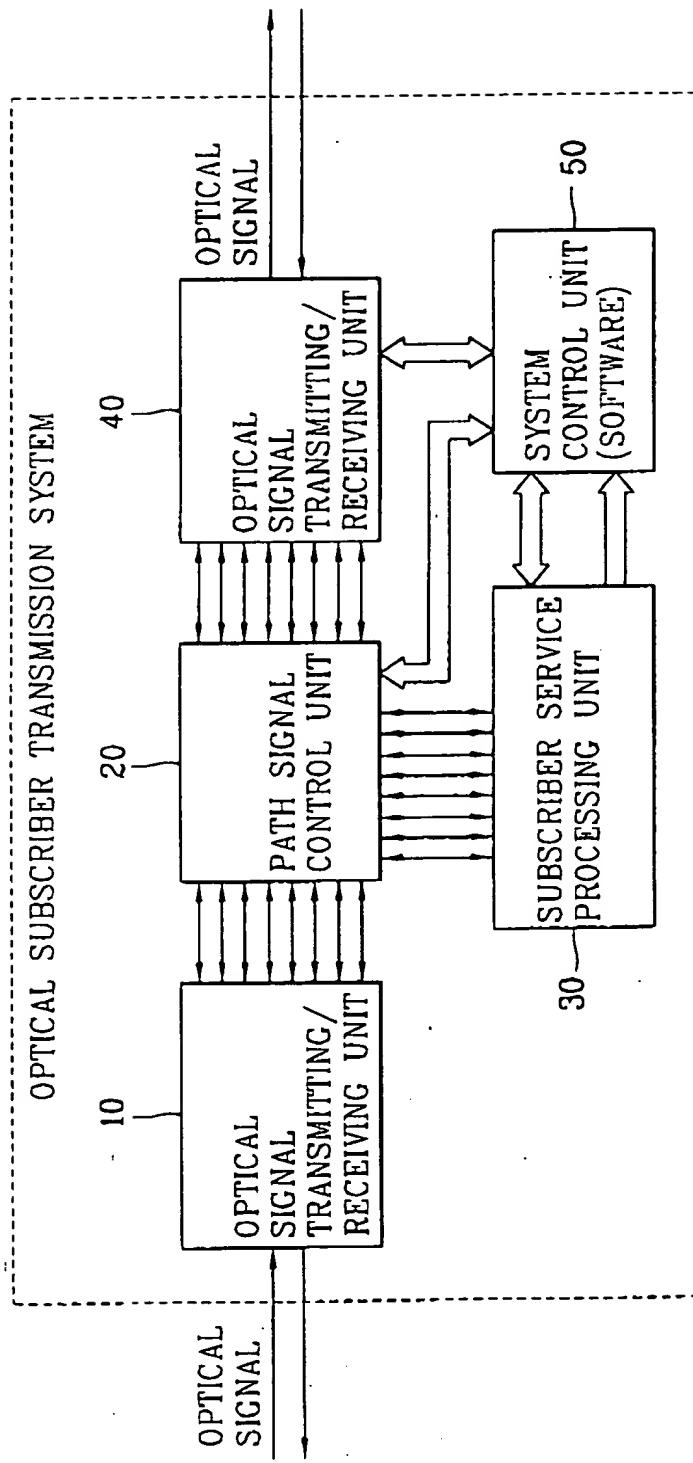


FIG. 1
BACKGROUND ART



00274426450000000000000000000000

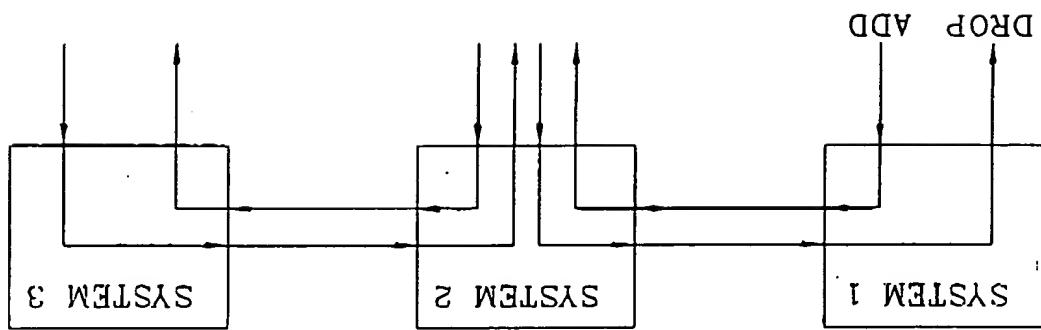
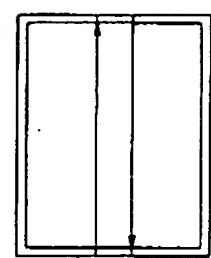


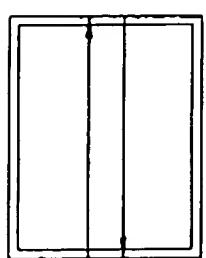
FIG. 2
BACKGROUND ART

卷之三

FIG. 3A
BACKGROUND ART

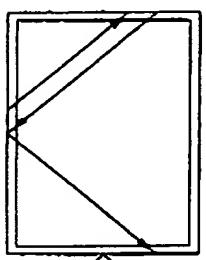


THROUGH PATH



THROUGH PATH

PATH SWITCH



RING ADD-DROP PATH

FIG. 3B BACKGROUND ART

卷之三

FIG. 4A

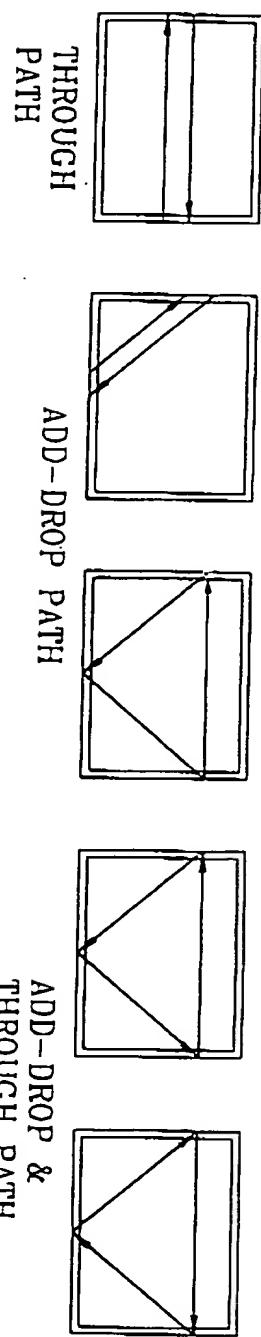
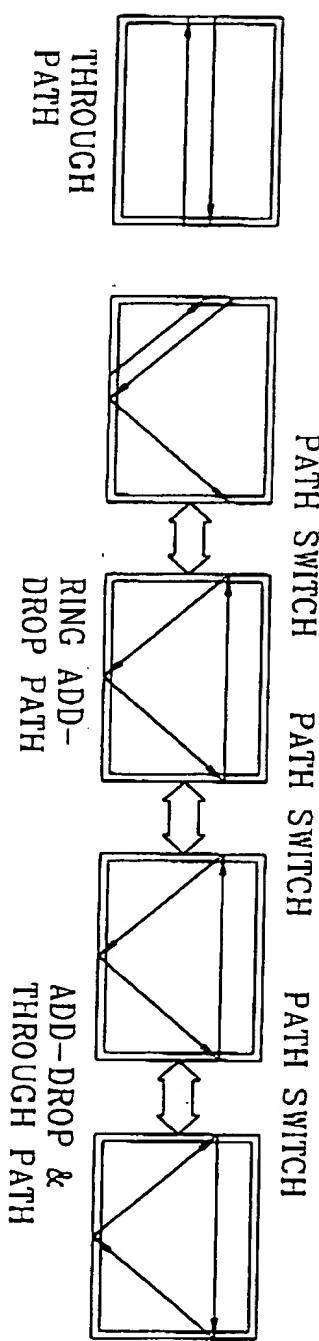


FIG. 4B



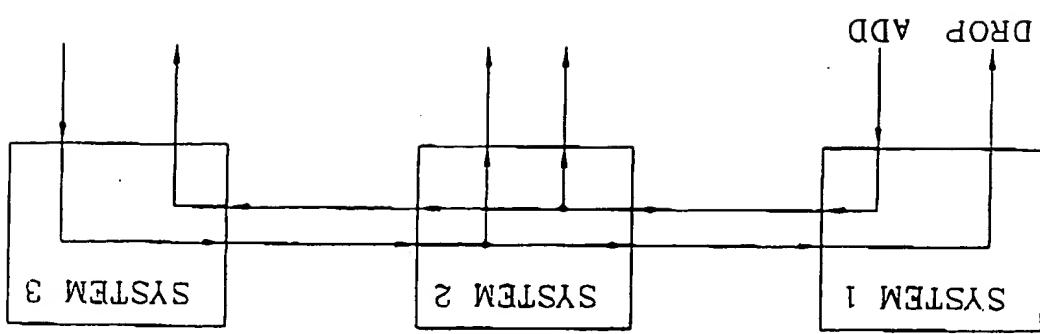


FIG. 5

FIG. 6

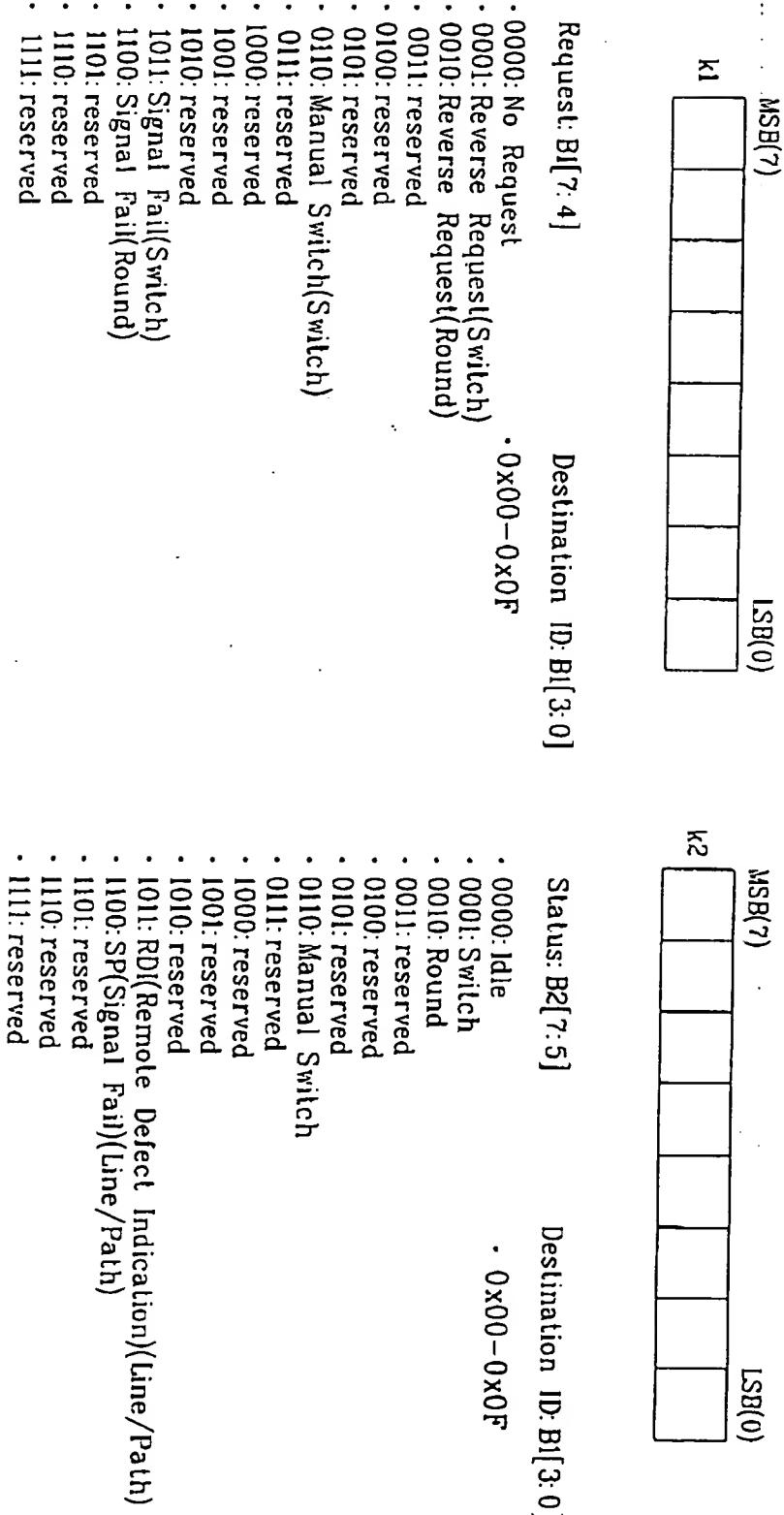


FIG. 7

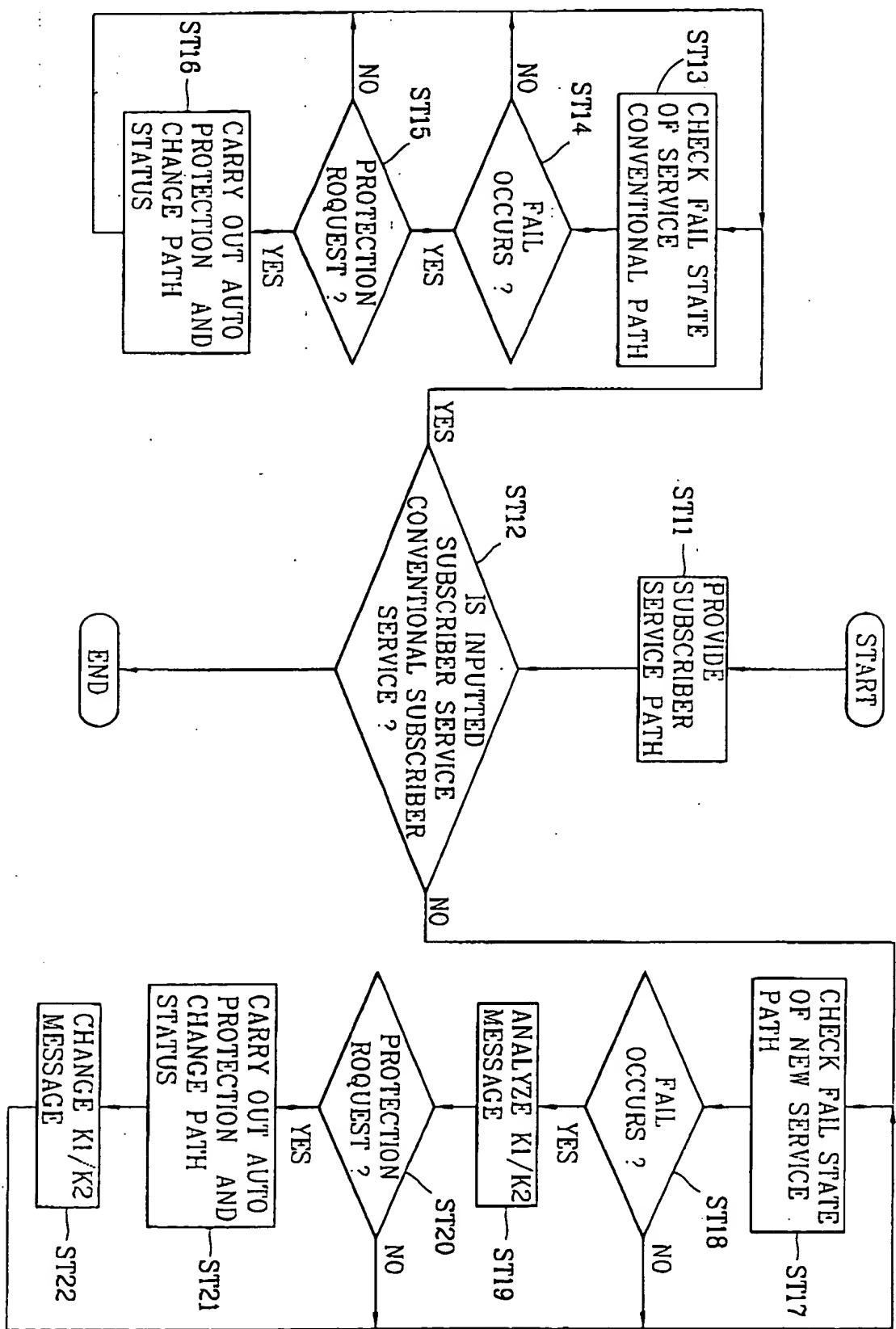


FIG. 8A

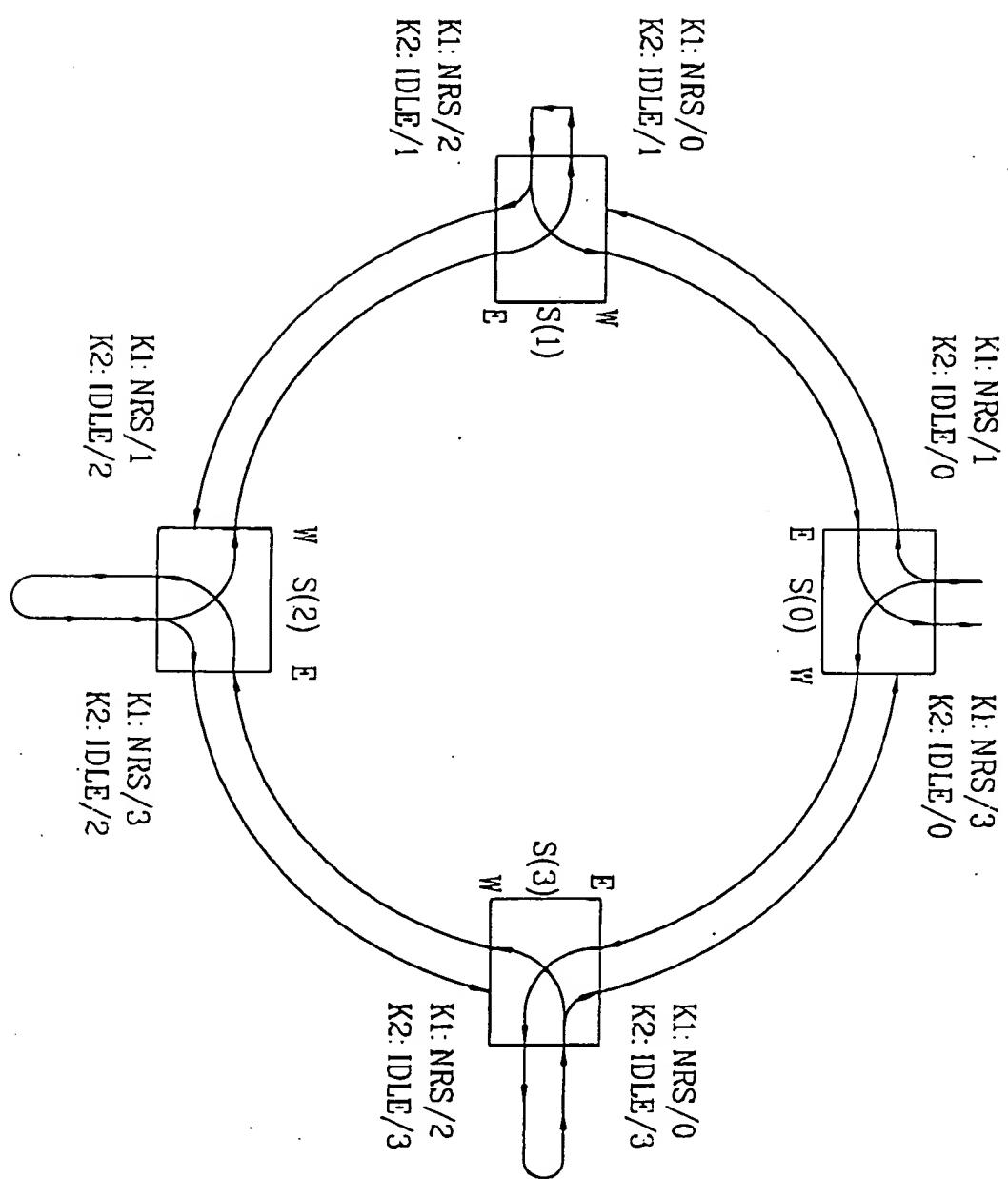


FIG. 8B

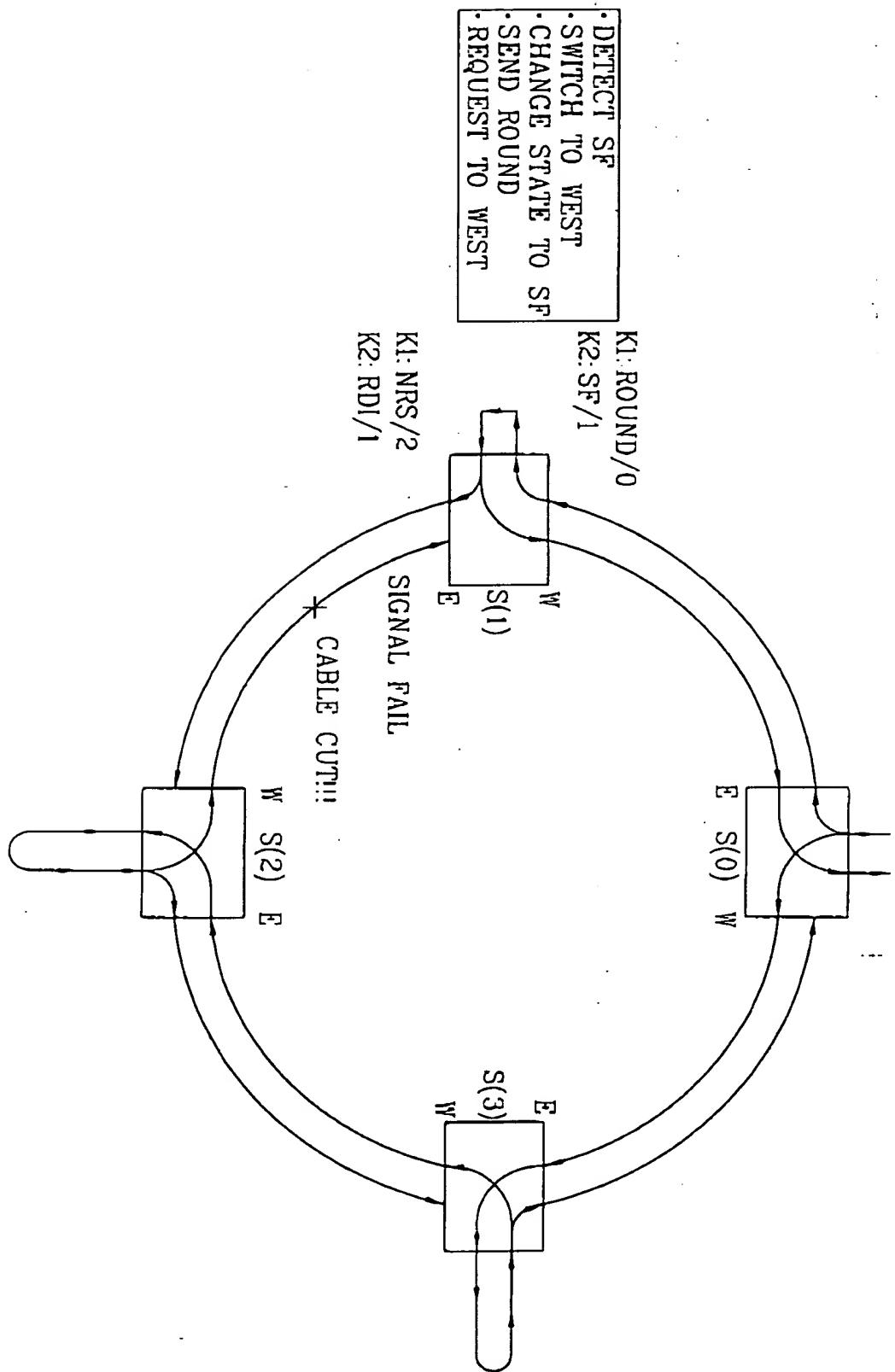


FIG.
8C

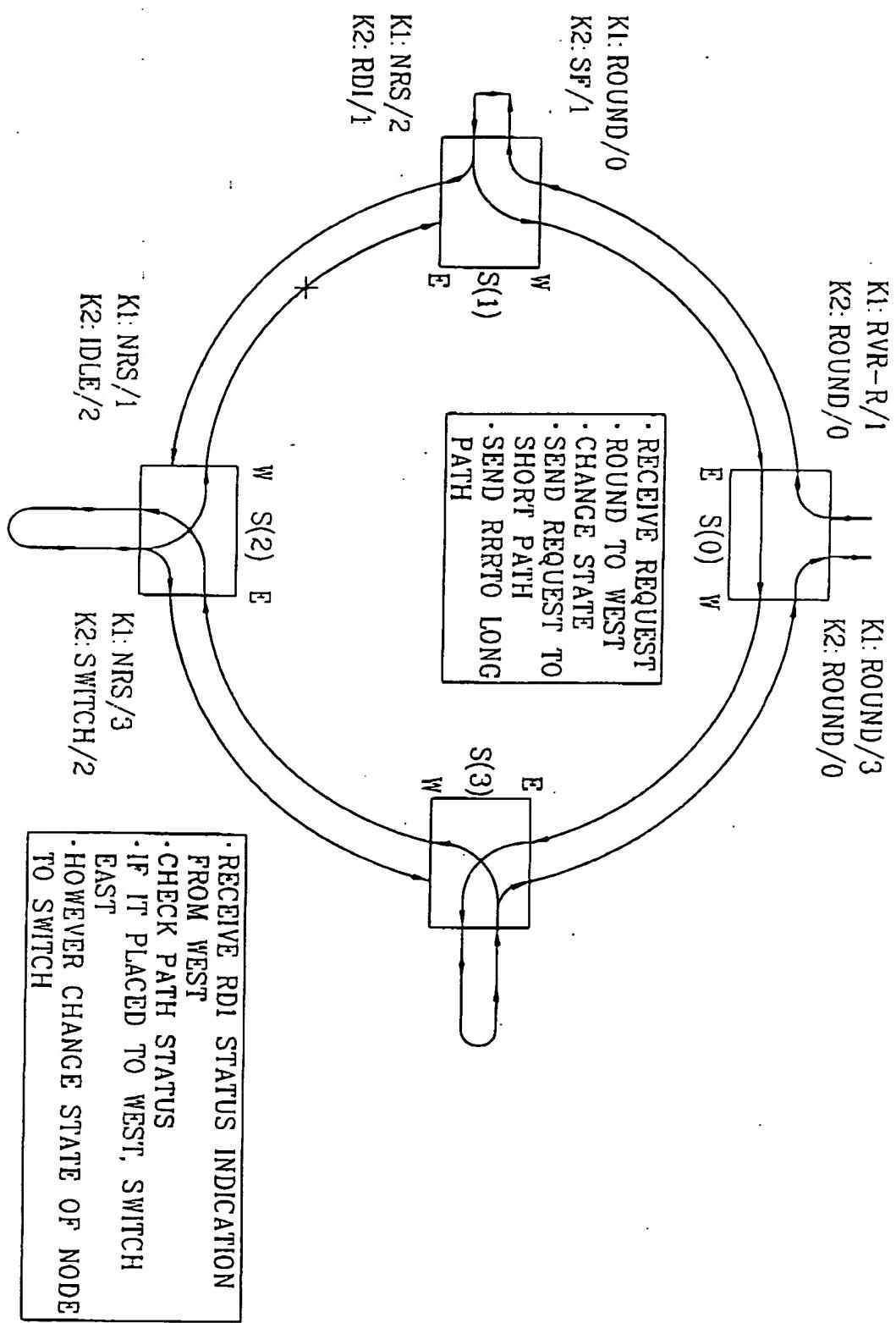


FIG. 8D

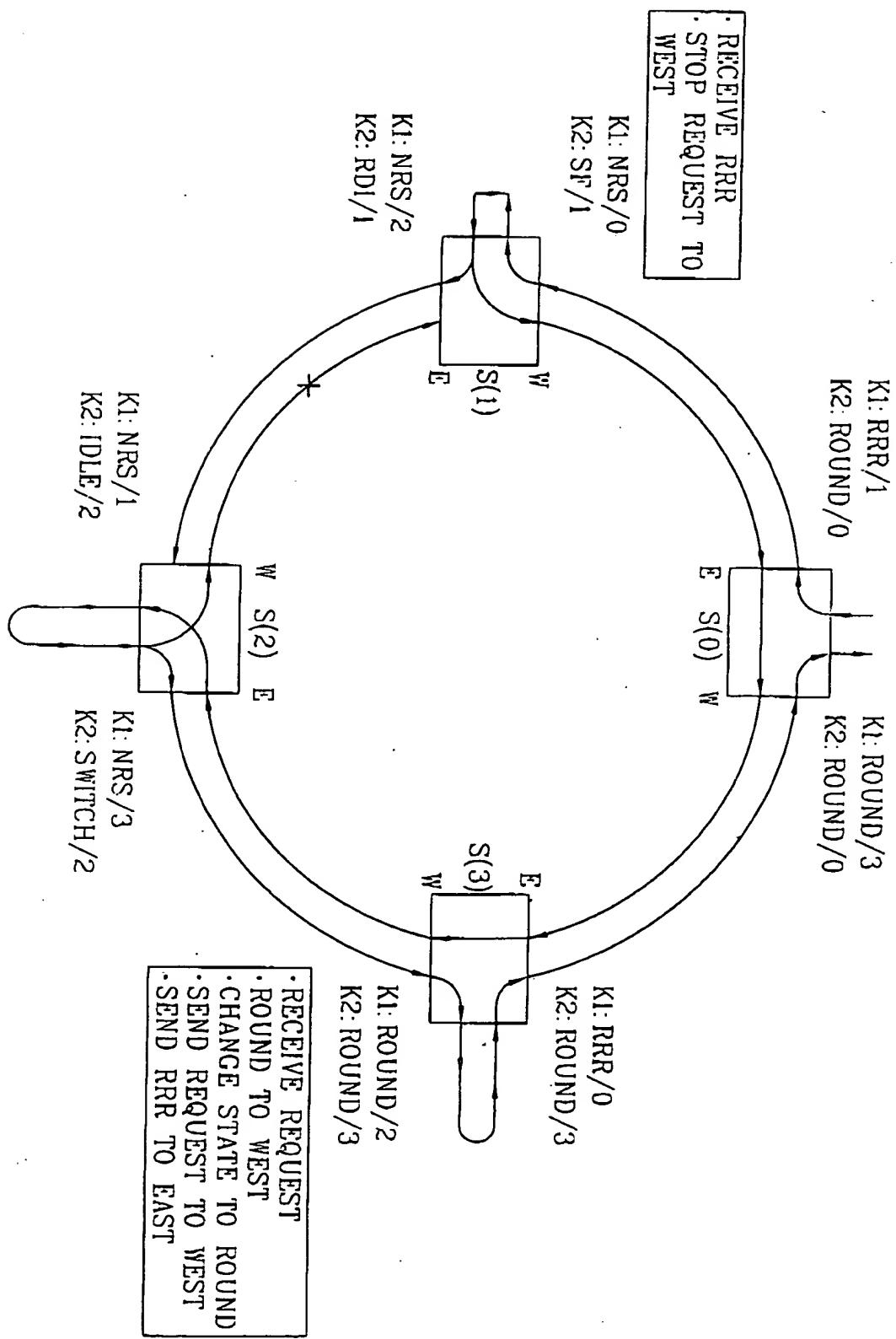


FIG. 8E

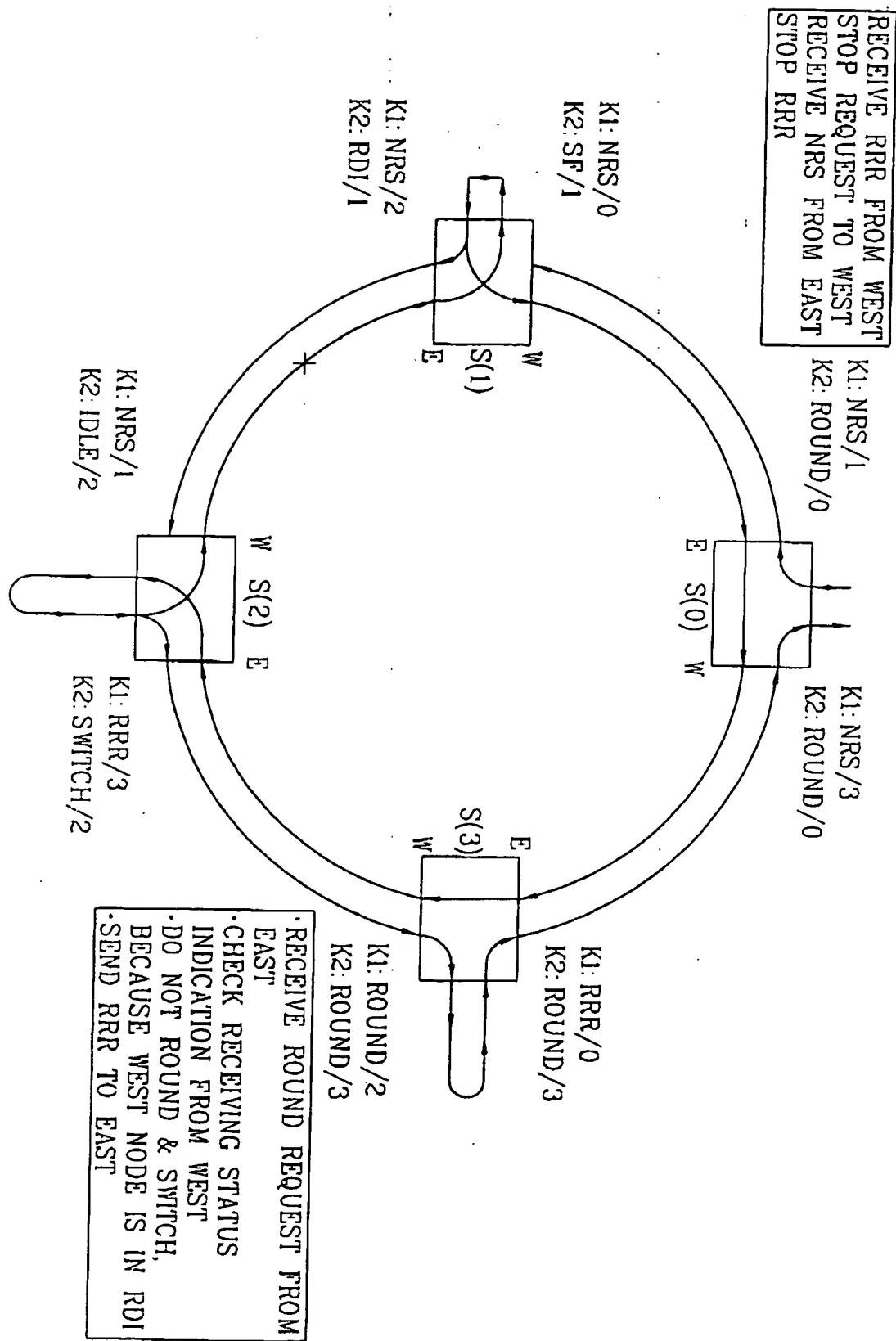


FIG. 8F

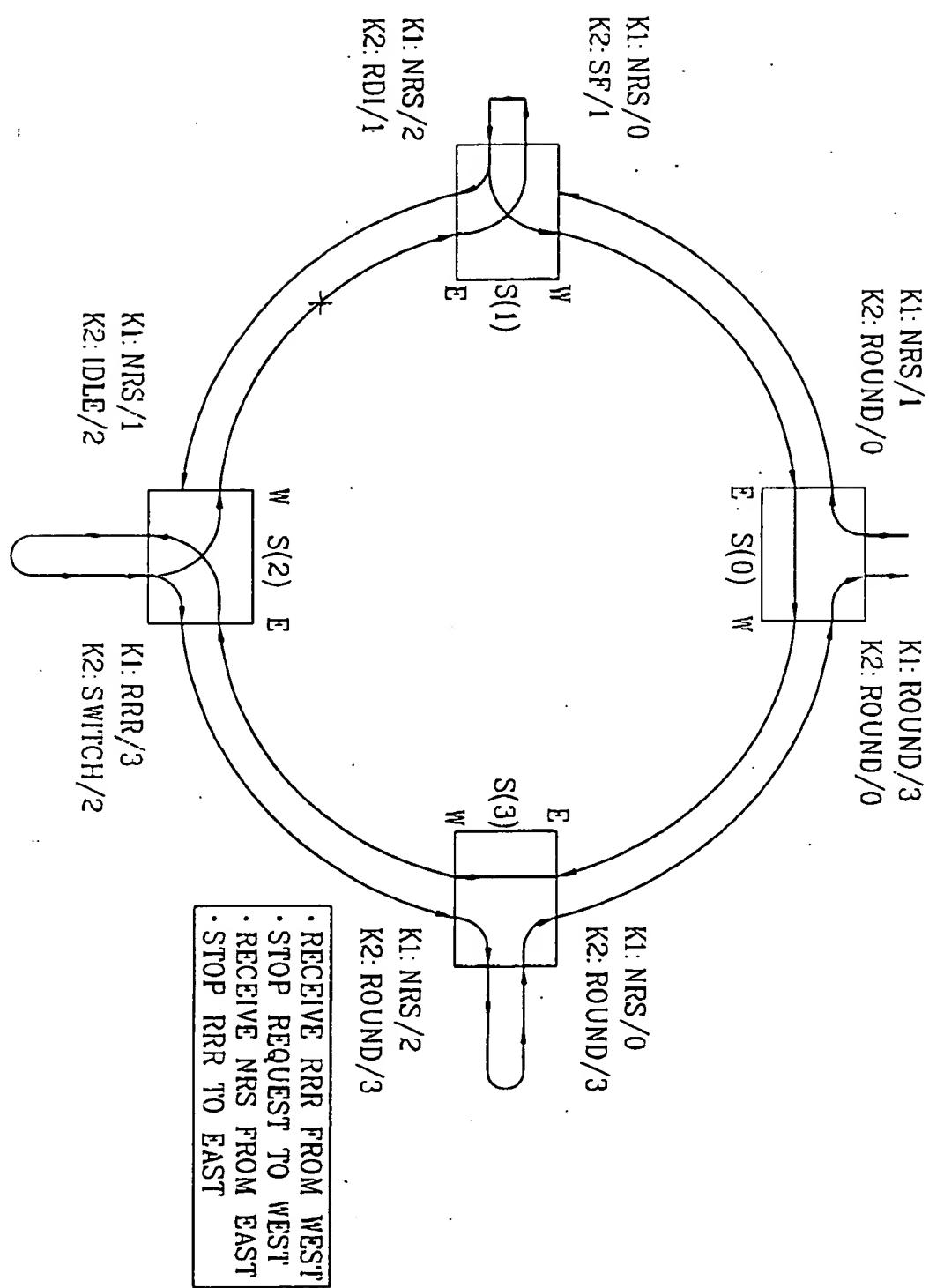


FIG. 9

